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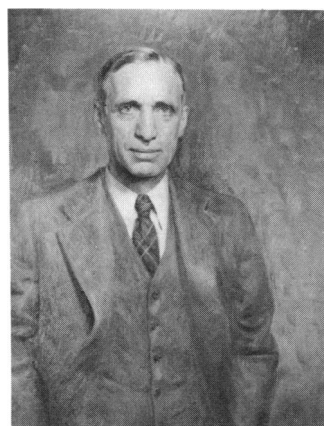
Cover—F. Paul Feder, 322 Hopkins Road, Baltimore and the Alan Mason Chesney Medical Archives of the Johns Hopkins Medical Institutions.



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Cover: Dr. Wade Hampton Frost (1880–1938) was the intellectual progenitor of several of the landmarks in American epidemiology described in this issue of *Public Health Reports*. These papers celebrated the 50th anniversary of the Epidemiology Section of the American Public Health Association, which Frost helped to found in 1929. His classic studies of stream pollution of the Ohio and its watershed, his writings on poliomyelitis and influenza, his work as a planner of epidemic control, and his teaching as the nation's first resident lecturer in epidemiology at the Johns Hopkins School of Hygiene and Public Health have influenced generations of public health workers.

Data Coverage and Inventory of Data Sources on the Functionally Limited Elderly

■ The Office of Management and Budget (OMB) has released the report of the Interagency Statistical Committee on Long-Term Care for the Elderly. This committee, which included officials from major statistical and research components of eight agencies, was convened at the request of OMB to (a) establish an inventory of existing and planned data sources on long-term care for the elderly, (b) assess the adequacy of their coverage in relation to major long-term care policy issues, and (c) make recommendations for obtaining needed data. The committee defined long-term care (LTC) not only as care in institutions such as nursing homes, but as a whole spectrum of support for the elderly who, because of functional limitations, need continuing assistance in their daily lives. The results of the committee's efforts are published in two volumes.

Volume 1, entitled "Data Coverage of the Functionally Limited Elderly" (52 pages), is the committee's report and contains its findings and recommendations. The report includes five major recommendations:

- Improve access to existing data (data were often found to be difficult to obtain).

- Carry out an extensive analysis of available data. (An unanticipated rich body of data was found, and specific suggestions for analysis are offered.)

- Eliminate major gaps in population and content coverage common to national surveys. (Include the usually missed rooming and boarding home populations, and the residents of all the types of LTC institutions—some groups have been omitted from all national surveys—and collect information on informal LTC assistance, defined as all types of help, paid or unpaid, provided by family, friends, and neighbors who are not part of a group or program formally organized to provide that help.)

- Collect a standard set of data items as appropriate to the focus of the data effort. (Use items on economic resources, availability of family, a standard list of functional limitation items, and the long-term health care minimum data set.)

- Use "piggybacking"—adding a supplement to existing or planned surveys—in gathering further data.

Volume 2, entitled "Inventory of Data Sources on the Functionally

Limited Elderly: A Compendium of the Content and Coverage of Data Sources on Long-Term Care for the Elderly" (285 pages), includes detailed information on 103 surveys and studies. This inventory includes:

- An introduction describing the background of the project, criteria for inclusion of data sources, and a guide to use.

- Twenty-four indexes to the data sources, listing all 103 sources by data collection frequency, geographic area covered, project chief, various policy areas covered, and so forth.

- Two pages of detailed information on each of the 103 data sources. (Included are a description of the data source and its sampling frame, policy areas addressed, functional limitations covered, types of LTC assistance covered, outcomes covered, other general data areas covered, and persons to contact for further information.)

Copies of the volumes are available from the Human Resources, Veterans, and Labor Special Studies Division, Rm. 7236, New Executive Office Bldg., Washington, D.C. 20503. For further information, contact Barbara Selfridge, OMB, 301: 395-6150.

education notes

Managing small institutions.—The Harvard School of Public Health is offering a new program designed to assist managers of small institutions to maximize their resources by refining their analytical, managerial, and decision-making skills. This intensive new executive development program is intended for the senior managers of hospitals and long-term care facilities with less than 250 beds, health maintenance organizations and group practices, community and mental health centers, home health agencies, hospices, and other health care delivery programs.

The program will be presented at the Harvard School of Public Health in two 6-day segments—December 7–13, 1980, and April 5–11, 1981. Attendance at both segments is required for all participants; a certificate will be awarded upon completion of both.

The program will be conducted by an experienced multidisciplinary faculty assembled from several professional schools at Harvard. A variety of interactive teaching techniques will be used in the course, including the case method, the lecture-discussion format, and small action-planning groups in which participants from similar institutions and faculty will work together to solve problems facing the participants' own organizations.

The total program fee is \$2,000 for both segments—\$1,400 covers tuition, and \$600 covers materials, room and board, and transportation to and from classes. A limited number of fellowships are available.

Further information may be obtained from the Assistant Director for Administration, Executive Programs in Health Policy and Management, Harvard

School of Public Health, 677 Huntington Ave., Boston, Mass. 02115; (617) 732-1142. Applications should be submitted by October 6, 1980.

Infectious Diseases in Clinical Practice.

The Division of Infectious Diseases, Department of Medicine and Extended Programs in Medical Education, University of California School of Medicine, San Francisco, is sponsoring its fourth annual postgraduate course on infectious diseases in clinical practice, January 31–February 7, 1981, at Park City, Utah.

Those infectious disease topics that will keep the practicing clinicians abreast of recent advances in the field were selected for the course. The course is designed for primary care physicians, including family and general practitioners, internists, and pediatricians. Most

aspects also will be valuable to general surgeons, obstetricians, and gynecologists. The course should familiarize the participants with present-day problems in the diagnosis, treatment, and prevention of common infectious diseases. Basic scientific principles and basic pathophysiology will be discussed when clinically relevant.

For further information, write Extended Programs in Medical Education, Rm. 569-U, University of California, San Francisco, Calif. 94143 or call (415) 666-4251.

Midwest Center for Occupational Health and Safety Courses. The Midwest Center for Occupational Health and Safety, a National Institute for Occupational Safety and Health (NIOSH)-sponsored educational resource center, is conducting three courses in November 1980 for professionals who are responsible for occupational health and safety:

Sampling and Evaluating Airborne Asbestos Dust (NIOSH 582), November 10-13, 1980, Minneapolis, Minn.

For persons who have direct responsibility for the sampling and evaluation of asbestos dust. Topics include sampling equipment and procedure, calibration procedures, the microscope, filter preparation and mounting, and sample evaluation. Instructor, Steve Bayer, NIOSH. Tuition, \$320, includes 4 full days of instruction and all course materials. Participants will be credited with three Continuing Education Units.

Recognition of Accident Potential in the Workplace Due to Human Factors

(NIOSH 512), November 18-20, 1980, Lincoln, Nebr.

For personnel who are new to the field of occupational safety. Participants will learn to identify the principal elements of accident causation and to apply methodology for control. Topics include physiological and psychological factors, motivation and attitudes, group influences on behavior, individual characteristics, organizational impact on work, man-machine interface, and job analysis. Tuition, \$150, includes 2½ days of instruction and materials. Participants will be credited with two Continuing Education Units.

Industrial Hygiene Sampling Strategies (NIOSH 553), November 12-14, 1980. Mag Center, Midwest Research Institute, Kansas City, Mo.

For industrial hygienists and supervisors who are responsible for sampling industrial atmospheres, making decisions on such sample results, and taking appropriate action in compliance with OSHA regulations. Topics include introduction to statistical sampling strategies, legal aspects of sampling strategies, fundamentals of statistics, estimation and decision I and II, exposure-measurement sampling strategies, compliance versus noncompliance, full-period sampling, grab sampling, decisions, ceiling limit sampling, compliance office sampling strategies, and statistical workshops. Instructor, Charles M. Nenadic, Consolidated Environmental Services. Tuition \$375 for 3 full days of instruction and materials. Approval has been awarded by the American Board of Industrial Hygienists for three points

toward maintenance of certification. Continuing Education Units will also be offered.

For further information about all three courses and registration, write Ruth K. McIntyre, Director, Continuing Education, Midwest Center for Occupational Health and Safety, Department of Medicine, 640 Jackson St., St. Paul, Minn. 55101 or call (612) 221-3771.

Adolescent Health: Crossing the Barriers. The Division of Pediatric Cardiology, the Department of Psychiatry, and the Division of Health Education of the Johns Hopkins Medical Institutions will sponsor a continuing education conference on adolescent health in Baltimore, November 17-19, 1980.

This conference will seek to identify critical treatment and research issues in adolescent health promotion in several key areas: smoking, drugs, sexuality, type A personality, hypertension, eating disorders, and chronic disease. Multidisciplinary problems and perspectives will be emphasized.

The conference has been approved for 18 credit hours in category I, American Medical Association and the Liaison Committee on Continuing Education, and 18 category A Continuing Education Credits by the Maryland State Board of Examiners of Psychologists. Other appropriate credits have been applied for. The fee for the conference is \$120.

Further information may be obtained from the Program Coordinator, Johns Hopkins University, 22 Turner Auditorium, 720 Rutland Ave., Baltimore, Md. 21205 or call (301) 955-5880.

publications

FEDERAL

A Developmental Approach to Case-finding Among Infants and Young Children. By Una Haynes. *DHEW Publication No. (HSA) 79-5210*. 1980; 108 pages.

Quality of Ambulatory Care: An Exploration of the Discrepancy Between Explicit Process Criteria and Performance. *NCHSR Research Summary Series*. By Barbara S. Hulka. *DHEW Publication No. (PHS) 80-3244*. April 1980; 17 pages.

How a Medical Information System Affects Hospital Costs: The El Camino Hospital Experience. *NCHSR Research Summary Series*. Prepared by Rosana M. Coffey. *DHEW Publication No.*

(PHS) 80-3265. March 1980; 22 pages.

A Demonstration of PROMIS. The Problem-Oriented Medical Information System at the Medical Center Hospital in Vermont. *NCHSR Research Summary Series*. By William C. Stratmann. *DHEW Publication No. (PHS) 79-3247*. September 1979; 12 pages.

Emergency Medical Services Systems Research Project Abstracts, 1979. *NCHSR Research Management Series*. Prepared by Division of Extramural Research. *DHEW Publication No. (PHS) 80-3271*. September 1979; 55 pages.

Comparability of Reporting Between the Birth Certificate and the National Natality Survey. *DHEW Publication*

No. (PHS) 80-1357, Series 2, No. 83, April 1980; 44 pages.

Utilization of Short-Stay Hospitals. Annual Summary for the United States, 1978. *DHEW Publication No. (PHS) 80-1797, Series 13, No. 46*. March 1980; 63 pages.

The National Ambulatory Medical Care Survey. 1977 Summary, United States, January-December 1977. *DHEW Publication No. 80-1795, Series 13, No. 44*. April 1980; 61 pages.

Factors Associated With Low Birth Weight, United States, 1976. *DHEW Publication No. (PHS) 80-1915, Series 21, No. 37*. April 1980; 37 pages.

Quantitative Analysis of the Reduction in Organ Dose in Diagnostic Radiology

by Means of Entrance Exposure Guidelines. By Priscilla W. Laws and Marvin Rosenstein. DHEW Publication No. (FDA) 80-8107. \$1.75 (Stock No. 015-00164-4). Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

X Radiation and the Human Fetus. A Bibliography. By Robert Rugh. DHEW Publication No. (FDA) 80-8117. \$15, \$3.50 microfiche. National Technical Information Service, Springfield, Va. 22161 (Accession No. PB 80-157712).

Social and Economic Characteristics of the Older Population: 1978. *Current Population Reports, Series P-23*, No. 85. \$2.25. U.S. Bureau of the Census. Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Estimates of the Population of the United States, by Age, Sex, and Race: 1976 to 1979. *Current Population Reports, Series P-25*, No. 870. \$1.75. Department of Commerce district offices or Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Inventory of Federal Statistical Programs Relating to Older Persons. *National Clearinghouse on Aging, Administration on Aging*, Washington, D.C. 20201.

If You've Thought About Breast Cancer. By Rose Kushner. Published by Women's Breast Cancer Advisory Center, Inc. 1980; 28 pages. Order from Office of Cancer Communications, National Cancer Institute, Bethesda, Md. 20205.

Federal publications listed are obtainable from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Orders should be accompanied by check or money order and should identify the publication. (Publications without prices may be obtained from the agency.)

WORLD HEALTH ORGANIZATION

Manual on Radiation Protection in Hospitals and General Practice. Vol. 5. Personnel Monitoring Services. By W. Minder and S. B. Osborn. Jointly sponsored by ILO, IAEA, and WHO. 1980; 56 pages (ISBN 92 4 15402 7); Geneva (French edition in preparation).

The Primary Health Worker. *Revised edition*. 1980; 346 pages (ISBN 92 4 154144 X); Geneva (French edition in preparation).

Information Bulletin on the Survey of Chemicals Being Tested for Carcinogenicity. No. 8, August 1979; 604 pages. International Agency for Research on Cancer, Lyon. Distributed for IARC by WHO.

Directory of On-Going Research in Cancer Epidemiology. Edited by C. S. Muir and G. Wagner. IARC Publication No. 28. 1979; 672 pages. International Agency for Research on Cancer, Lyon. Distributed for IARC by WHO.

Pathology of Tumours in Laboratory Animals. Vol. II. Tumours of the Mouse. V. S. Turusov, editor-in-chief. IARC Scientific Publication No. 23. 1979; 669 pages, illustrated; \$60. International Agency for Research on Cancer, Lyon. Distributed for IARC by WHO.

International Agency for Research on Cancer: Annual Report 1979. 194 pages; \$8; Geneva. (Also published in French.)

Environmental Carcinogens—Selected Methods of Analysis. H. Egan, Editor-in-Chief. Vol. 3: Analysis of Polycyclic Aromatic Hydrocarbons in Environmental Samples. By M. Castegnaro, P. Bogovski, H. Kunte, and E. A. Walker. IARC Scientific Publication No. 29. 1979; 240 pages; \$30. International Agency for Research on Cancer, Lyon. Distributed for IARC by WHO.

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans. Vol. 20. Some Halogenated Hydrocarbons. 1979; 609 pages. International Agency for Research on Cancer, Lyon. Distributed for IARC by WHO.

International Classification of Impairments, Disabilities, and Handicaps. A Manual of Classification Relating to the Consequences of Disease. 1980; 207 pages (ISBN 92 4 154126 1); Geneva.

Basic Documents. Including amendments adopted up to February 1980. *Thirtieth edition*. 1980; 164 pages; Geneva.

Noise. Published under the joint sponsorship of the United Nations Environment Programme and the World Health Organization. *Environmental Health Criteria 12*. 1980; 103 pages (ISBN 92 4 154072 9); Geneva. (French edition in preparation.)

Optimization of Radiotherapy. Report of a WHO Meeting of Investigators. *WHO Technical Report Series No. 644*. 1980; 89 pages (ISBN 92 4 120644); Geneva. (French and Spanish editions in preparation.)

WHO publications may be obtained from WHO Publications Centre USA, 49 Sheridan Ave., Albany, N.Y. 12210.

NON-FEDERAL

Annual Report, National Center for a Barrier Free Environment, 1979. 20

pages. National Center for a Barrier Free Environment, Suite 1006, 1140 Connecticut Ave., NW., Washington, D.C. 20036.

Animal Health in the Americas, 1979. Proceedings of the XXII Inter-American Meeting, at the Ministerial Level, on Foot-and-Mouth Disease and Zoonoses Control, Willemstad, Curaçao, 17-20 April 1979. *Scientific Publication No. 391*. 1980; 118 pages; \$6. Pan American Health Organization, Pan American Sanitary Bureau, Regional Office of the World Health Organization, 525 23d St., NW., Washington, D.C. 20037.

The Effects on Human Health of Subtherapeutic Use of Antimicrobials in Animal Feeds. 1980; 376 pages; \$10.25 (ISBN 0-309-03044-7). National Academy of Sciences, Office of Publications, 2101 Constitution Ave., NW., Washington, D.C. 20418.

The PSRO Atlas. 1980; \$10. American Association of Professional Standards Review Organizations, 11325 Seven Locks Rd., Suite 214, Potomac, Md. 20854.

Understanding and Dealing With Alcoholism. By Harry Milt. *Public Affairs Pamphlet No. 580*. March 1980; 24 pages; 40 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

Assaults on Women: Rape and Wife Beating. By Natalie Jaffe. *Public Affairs Pamphlet No. 579*. January 1980; 29 pages; 50 cents. Public Affairs Pamphlets, 381 Park Ave., South, New York, N.Y. 10016.

Cardiac Rehabilitation for the Patient and Family. By Judy A. Davis and Shirley J. Spillman. 1980; 162 pages; \$9.95 student edition, \$11.95 teacher edition. Reston Publishing Co., Inc., Reston, Va.

Breast Self-Examination. By Albert R. Milan. 1980; 128 pages; \$3.50 (ISBN 0-89489-124-4). Workman Publishing, 1 West 39th St., New York, N.Y. 10018.

The Cancer Reference Book: Direct and Clear Answers to Everyone's Questions. By Paul M. Levitt and Elissa S. Guralink with Dr. A. Robert Kagan and Dr. Harvey Gilbert. 1980; \$4.95, \$5.75 in Canada (ISBN 51353-7). Dell Publishing Co., Inc., 1 Dag Hammarskjöld Plaza, 245 East 47th St., New York, N.Y. 10017.

The Psychology of Sex Differences and Sex Roles. Edited by Jacquelynne Parsons. 1980; 320 pages; \$18.95 (ISBN 0-07-048540-2). McGraw-Hill Book Co., 1221 Avenue of the Americas, New York, N.Y. 10020.

The Borderline Syndromes. By Michael H. Stone. 1980; 553 pages; \$27.50

Acceptable Risks: Occupational Health in the Nuclear Industry. By *Michael Stuart Brown*. *Discussions in Environ-*

Biomedical Research: Costs and Benefits. By *Selma J. Mushkin*. December 1979; 488 pages; \$30. Ballinger Publishing Co., 17 Dunster St., Harvard Square, Cambridge, Mass. 02138.

Handbook of Organic Industrial Solvents. Fifth edition. Technical Guide No. 6. 1980; 124 pages; \$3 plus 66 cents for shipping. Alliance of American Insurers, 20 North Wacker Dr., Chicago, Ill. 60606.

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